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A document enrichment approach to facilitate reading comprehension

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Propositions belonging to the PhD thesis

A Document Enrichment Approach to Facilitate Reading Comprehension

by

Proscovia Olango, January 16, 2020

1. When people reading at all levels are unable to recognize and understand words, their reading efficiency and text comprehension are affected.
2. The university students' readings are cluttered with technical terms, which they may find difficult to understand.
3. Design science research methodology provided a means to ground the theoretical problem that occurrence of technical terms in the content of course documents is one of the major factors that hinder the reading comprehension process of university students.
4. Document content comprehension is an important component of reading without which the goal for learning from documents would be futile.
5. TermPedia is a document enrichment approach which facilitates reading comprehension by providing easy access to contextually relevant information on technical terms.
6. Since computers do not possess the "world knowledge" used by humans for providing contextually relevant information, they need to use other resources for fulfilling this task.
7. It is appropriate to use Wikipedia as an external source of information on technical terms because it has a good coverage of nearly all knowledge domains and it is frequently updated to include new terms.
8. TermPedia was designed to help university students in their technical reading. However, students from primary up till university can use it. Moreover, the ideas of document enrichment can be beneficial to readers outside the academic circle.
9. Students learn more deeply from multimedia presentations involving words and pictures than from words alone.
10. To the making of many books there is no end, and much devotion to them is wearisome to the flesh.